IN THE CLAIMS:

Please amend the claims as indicated. A complete set of the claims is included below, reflecting added subject matter *(underlining)* and deleted subject matter *(strikethrough)*, as well as the current status of each claim. This listing of claims will replace all prior versions, and listings, of claims in the application:

1-17. (Canceled)

18. (Currently Amended) A method of recognizing ~~handwriting-based~~ stroke-based data entry comprising:

a) accessing spatial stroke data and pressure data captured by a digitizer of a computer system and representing said user-drawn stroke wherein respective pressure data is associated with respective spatial data;

b) storing said spatial stroke data and pressure data into a computer memory wherein pressure data of a first range can represents ~~an object of~~ a first ~~display~~ object attribute and pressure data of a second range can represents ~~an object of~~ a second ~~display~~ object attribute;

c) determining [[an]] a user-selectable object ~~display~~ attribute, ~~based on~~ where said attribute is modulated by said pressure data;

d) drawing a representation of said user-drawn stroke on a display screen of said computer system simultaneously with said spatial stroke data being accessed by said digitizer wherein said representation of said user-drawn stroke is drawn with said object ~~display~~ attribute as determined at said c); and

e) repeating said a) through said d) until said stroke is complete;
wherein the object ~~display~~ attribute.

19. (Currently Amended) A method as described in Claim 18 wherein said first ~~display~~ object attribute is a first line width and wherein said second ~~display~~ object attribute is a second line width.

20. (Original) A method as described in Claim 18 wherein said stroke is a line.

21.   (Original)   A method as described in Claim 18 wherein said computer system is a palm sized computer system.

22.   (Original)   A method as described in Claim 18 wherein said computer system is a portable computer system.

23.   (Original)   A method as described in Claim 18 wherein said digitizer is separate in area from said display screen.

24-28. (Canceled)

29.   (Currently Amended) A secure ~~handwriting-based~~ stroke-based data entry recognition system comprising:

         means for accessing spatial stroke data and pressure data captured by a digitizer of a computer system and representing said user-drawn stroke wherein respective pressure data is associated with respective spatial data;

         means for storing said spatial stroke data and pressure data into a computer memory wherein pressure data of a first range can represents ~~an object of~~ a first ~~display~~ object attribute and pressure data of a second range can represents ~~an object of~~ a second ~~display~~ object attribute;

         means for determining [[an]] a user-selectable object display attribute, ~~based on~~ where said attribute is modulated by said pressure data; and

         means for drawing a representation of said user-drawn stroke on a display screen of said computer system simultaneously with said spatial stroke data being accessed by said digitizer wherein said representation of said user-drawn stroke is drawn with said object ~~display~~ attribute as determined at said means for determining an object ~~display~~ attribute.

30.   (Currently Amended) The secure handwriting-based data entry recognition system as described in Claim 29 wherein said first ~~display~~ object attribute is a first line width and wherein said second ~~display~~ object attribute is a second line width.

31.   (Previously Presented)   The secure handwriting-based data entry recognition system as described in Claim 29 wherein said stroke is a line.

32.   (Previously Presented)   The secure handwriting-based data entry recognition system as described in Claim 29 wherein said computer system is a palm sized computer system.

33.   (Previously Presented)   The secure handwriting-based data entry recognition system as described in Claim 29 wherein said computer system is a portable computer system.

34.   (Previously Presented)   The secure handwriting-based data entry recognition system as described in Claim 29 wherein said digitizer is separate in area from said display screen.

35.   (Currently Amended) A method of recognizing shape entry, said method comprising the steps of:

accessing spatial stroke data and pressure data captured by a digitizer wherein respective pressure data is associated with respective spatial stroke data;

storing said spatial stroke data and pressure data into a computer memory;

building a set of vectors from the spatial stroke data and associated pressure data;

delineating sets of vectors based on where and when the stylus is placed onto the surface and lifted from the surface, where data is only collected when the stylus is contacting the surface;

performing shape recognition by applying a mathematical model to the set of vectors to identify a recognized shape with a shape set; and

displaying said recognized shape on a display screen of a computer system.

36.   (Canceled)

37.   (Previously Presented)   The method of claim 35 wherein said shape set includes a circle.

38-47. (Canceled)

48.   (Previously Presented)   The method of claim 35, wherein the mathematical model includes a neural network.

49.   (Previously Presented)   The method of claim 48, wherein the neural network is a radial basis function network.

50.   (New) The method of claim 18, where the stroke and pressure data is utilizable by any application or routine running on said computing platform.

51.   (New) The method of claim 29, where the stroke and pressure data is utilizable by any application or routine running on said computing platform.

52.   (New) The method of claim 35, where the stroke and pressure data is utilizable by any application or routine running on said computing platform.